



## **COMPANY PROFILE**

Microsys International (S) Pte Ltd. a registered private limited company since year 2001 at Republic of Singapore. Established as a specialist in semiconductors device and solar energy space in South East Asia, Asia, Middle East and Europe. Microsys International along with its international partners has executed about 200MW solar projects in the Europe alone and now having its presence in India, Singapore, Malaysia, Thailand. We are planning to expand in African / Middle East countries through our trusted associates at Nigeria, Kenya, Mozambique & South Africa and Middle East.

Microsys International has a combined 40 years of experience in semiconductor solar space in design, development, supply chain, project execution and project management activities. The key project monitoring systems installed in the solar power plants, are self developed power monitoring / trouble shooting tools that enables the power plant issues resolved remotely in very short period (24 hours), thus preventing large power generation losses, during plant malfunctioning.

Microsys International is also engaged in battery back up solutions using Lithium / Zinc long life & maintenance free storage batteries to enhance the daily solar energy supply hours wherever it is required. Battery storage as large as 1 MWh to 2MWh and multiples of the same are supplied by the group companies along with solar charge controllers, DC to AC current inverters, 24 hour monitoring devices other accessories. Having battery back up and supply through battery to the grid provides a more stable power supply to the utility grid and eliminates damages to the grid.

Recently, Microsys International has added a new technology in the space of power distribution management using micro-grids, IoT protocols for seamless distribution to pockets, where power distribution is not balanced. This technology enables control and distribution of energy generation from solar / wind / hydro / thermal / gas / biomass and other forms to monitor, control and balance the grid supply and reduce problems associated with grid stability.

Microsys International, Singapore business includes design, manufacturing, supply, installation of

- Solar street lights with remote management
- Solar student study lights with 10 hours light with each charging of lithium battery
- Solar home lights
- Solar charged battery storage systems for desk top computers, laptops, tablets
- Patient's management systems at hospitals (Solar based)
- HIV / TB / Drug Patient's daily medication "LIVE" tracking device
- Security & surveillance systems with a wide range of CCTV / RFID surveillance system which acts as an excellent deterrent against theft and vandalism

***Our value added services include:-***

- Security Design
- CCTV Recording Equipment and Cameras
- Maintenance Services

Please visit [www.mycrosys.com](http://www.mycrosys.com) & [www.semsiltech.com](http://www.semsiltech.com) for learning more about the groups activities, products and services.

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